

[0128] In view of the above, there are provided measures for radio resource allocation for proximity services. Such measures exemplarily comprise receiving a message including a service request and indicative of a demand of a proximity service, detecting said demand of said proximity service from said message, and preventing, based on said demand of said proximity service, a transmission of an end entity context related to said service request.

[0129] Even though the invention is described above with reference to the examples according to the accompanying drawings, it is to be understood that the invention is not restricted thereto. Rather, it is apparent to those skilled in the art that the present invention can be modified in many ways without departing from the scope of the inventive idea as disclosed herein.

LIST OF ACRONYMS AND ABBREVIATIONS

[0130]

3GPP	3 rd Generation Partnership Project
AS	access stratum
D2D	device to device
DRB	data radio bearer
eNB	evolved NodeB
ESR	extended service request
LTE	Long Term Evolution
MME	mobility management entity
NAS	non-access stratum
PDN	packet data network
ProSe	proximity service
RAB	radio access bearer
RRC	radio resource control
SIB	system information block
SR	service request
SRB	signaling radio bearer
TS	technical specification
UE	user equipment

1. A method comprising transmitting a radio resource control connection establishment request indicative of a demand of a proximity service, receiving a radio resource control connection setup message including information indicative of radio resources allocated for said proximity service, and deciding, whether said radio resources are authorized, based on said receiving of said radio resource control connection setup message.
2. The method according to claim 1, further comprising transmitting, in response to said radio resource control connection setup message, a radio resource control connection setup complete message including a service request.
3. The method according to claim 1, further comprising receiving a downlink information transfer message.
4. The method according to claim 2, further comprising receiving a radio resource control release message, and stopping a timer indicative of a successful completion of a procedure related to said service request.
5. The method according to claim 4, further comprising receiving a service accept message, and transmitting a service complete message, wherein said stopping said timer is based on said receiving of said service accept message.

6. A method comprising receiving a radio resource control connection establishment request indicative of a demand of a proximity service, allocating radio resources for said proximity service, and transmitting a radio resource control connection setup message including information indicative of said radio resources.
7. The method according to claim 6, further comprising receiving, in response to said radio resource control connection setup message, a radio resource control connection setup complete message including a service request, and transmitting a message including said service request and indicative of said demand of said proximity service.
8. The method according to claim 6, further comprising receiving a downlink transport message, converting said downlink transport message into a downlink information transfer message, and transmitting said downlink information transfer message.
9. The method according to claim 6, further comprising receiving an end entity context release message, and transmitting, in response to said end entity context release message, a radio resource control release message.
10. A method comprising receiving a message including a service request and indicative of a demand of a proximity service, detecting said demand of said proximity service from said message, and preventing, based on said demand of said proximity service, a transmission of an end entity context related to said service request.
11. The method according to claim 10, further comprising preventing, based on said service request, an establishment procedure of a data radio bearer related to said service request.
12. The method according to claim 10, further comprising transmitting a downlink transport message.
13. The method according to claim 10, further comprising deciding to trigger a signaling connection release, and transmitting an end entity context release message based on said deciding.
14. The method according to claim 13, further comprising transmitting a service accept message, and receiving a service complete message, wherein said deciding is based on said receiving of said service complete message.
15. An apparatus comprising
 - a transmitter configured to transmit a radio resource control connection establishment request indicative of a demand of a proximity service,
 - a receiver configured to receive a radio resource control connection setup message including information indicative of radio resources allocated for said proximity service, and
 - a processor configured to decide, whether said radio resources are authorized, based on said receiving of said radio resource control connection setup message.
- 16.-20. (canceled)
21. An apparatus comprising
 - a receiver configured to receive a radio resource control connection establishment request indicative of a demand of a proximity service,
 - a processor configured to allocate radio resources for said proximity service, and